

## ABSTRACT

[Abstract]

[Object] To provide a polyimide compound which can be  
5 dissolved in a certain solvent and has high molecular  
weight, and a preparation process thereof which  
produces the compound by industrially advantageous  
process.

[Solving Means] A polyimide compound crosslinked with  
10 a polyamine which is soluble in the specific solvent is  
produced by dehydration and condensation of amino acid  
or salt thereof and polyamine in an organic solvent  
under the presence of protonic acid. In particular, in  
the case of using a polyamine having low solubility to  
15 an organic solvent such as especially lysine, ornithine,  
etc., reaction rate of the polymerization can be  
increased by adding a polyamine in the step before or  
initial polymerization because water which is contained  
in the raw material or produced in the dehydration  
20 reaction serves as a good solvent for the polyamine.

[Selected Figure] None